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JAN 04 2006

**Date:** January 4, 2006      **Fax number:** (571) 273-8300  
**To:** Examiner James P. Hughes      **Total pages:** 16  
**From:** Juergen Krause-Polstorff

**Subject:** US Patent Application 10/799,020  
**Attorney Docket:** 10040086-1  
**Filed:** March 11, 2004

Enclosed is an Amendment and Information Disclosure Statement in response to the Office Action dated October 4, 2005

Respectfully submitted,

A handwritten signature in black ink, appearing to read "JK" followed by a more complex surname.

Juergen Krause-Polstorff  
Reg. No. 41,127

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JAN 04 2006

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Annette C. Grot, et al.

Serial No.: 10/799020

Examiner: James P. Hughes

Filing Date: March 11, 2004

Group Art Unit: 2883

Title: Photonic Crystal Sensors

**COMMISSIONER FOR PATENTS**  
**P.O. Box 1450**  
**Alexandria VA 22313-1450**

## TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Response/Amendment                                  | <input type="checkbox"/> Petition to extend time to respond |
| <input type="checkbox"/> New fee as calculated below                                    | <input type="checkbox"/> Supplemental Declaration           |
| <input type="checkbox"/> No additional fee (Address envelope to "Mail Stop Amendments") |   |
| <input type="checkbox"/> Other:   | (Fee \$ _____)  |

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	24	MINUS	24	= 0	X 50	\$ 0
INDEP. CLAIMS	5	MINUS	5	= 0	X 200	\$ 0
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ 360	\$ 0
EXTENSION FEE	1 <sup>ST</sup> MONTH 120.00	2 <sup>ND</sup> MONTH 450.00	3 <sup>RD</sup> MONTH 1020.00	4 <sup>TH</sup> MONTH 1590.00		\$ 0
					OTHER FEES	\$ 0
					TOTAL ADDITIONAL FEE FOR THIS AMENDMENT	\$ 0

Charge \$ 0 to Deposit Account 50-1078. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-1078 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-1078 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this transmittal letter is enclosed.

Respectfully submitted,

Annette C. Grot, et al.

By

Juergen Krause-Polstorff  
Attorney/Agent for Applicant(s)

Reg. No. 41,127

Date: January 4, 2006

Telephone No. 650 485-5904

I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on the date shown below:

Date of facsimile: January 4, 2006

Typed Name: Linda A. limura

Signature: Linda A. limura

USSN 10/799,020

PATENT

-1-

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Signed: Linda A. Iimura Date: January 4, 2006  
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## PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Grot et al.

Group Art Unit: 2883

Serial No.:10/799,020

Examiner: James P. Hughes

Filed: March 11, 2004

For: APPARATUS FOR SINGLE NANOPARTICLE DETECTION

Attorney Docket No. 10040086-1

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## AMENDMENT

Sir:

In reply to the Office Action dated 10/04/05 in the above identified application,  
Applicant submits the following Amendments and Remarks.